

AMENDMENTS TO THE CLAIMS

1-14. (Cancelled)

15. (Currently Amended) A broadcast receiving apparatus, comprising:

a receiver which receives a first TV broadcast signal and a second TV broadcast signal;

a timesharing unit which timeshares the first TV broadcast signal and the second TV broadcast signal received by ~~said~~the receiver for outputting;

a decoder which alternately decodes the first TV broadcast signal and the second TV broadcast signal timeshared by and outputted from ~~said~~the timesharing unit;

a detector which detects a decoding error part of the first TV broadcast signal decoded by ~~said~~the decoder with respect to each frame, and generates a decoding error information, with respect to each frame, including error information and a presentation time stamp attached to the frame;

a synthesizer which specifies the decoding error part of the first TV broadcast signal based on the error information in the decoding error information generated by ~~said~~the detector, specifies ~~the~~ a frame of the second TV broadcast signal of which ~~a~~ the time is the same as that of the decoding error part based on the presentation time stamp, and generates a composite signal obtained by replacing the decoding error part of the first TV broadcast signal with a corresponding part in the specified frame of the second TV broadcast signal decoded by ~~said~~the decoder;

a first storage device which stores the composite signal outputted from ~~said~~the synthesizer; and

a second storage device which stores the second TV broadcast signal decoded by ~~said~~the decoder,

wherein the decoder decodes the second TV broadcast signal and the first TV broadcast signal in this order with respect to frames having a presentation time stamp identical to each other, and stores, before the detector detects the decoding error part of the first TV broadcast signal, the part of the second TV broadcast signal corresponding to the decoding error part of the first TV broadcast signal in the second storage device, and

~~wherein~~ the synthesizer stores the first TV broadcast signal decoded by the decoder in ~~said~~the first storage device if ~~said~~the detector has not detected the decoding error part of the first

TV broadcast signal, and reads out the part of the second TV broadcast signal corresponding to the decoding error part from ~~said~~the second storage device and stores the readout part in ~~said~~the first storage device if ~~said~~the detector has detected the decoding error part of the first TV broadcast signal.

16-20. (Cancelled)

21. (Currently Amended) The apparatus according to Claim 15, wherein ~~said~~the decoder decodes the first TV broadcast signal with use of the composite signal stored in ~~said~~the first storage device if ~~said~~the detector has detected the decoding error part of the first TV broadcast signal.

22. (Currently Amended) The apparatus according to Claim 15, wherein ~~said~~the decoder and ~~said~~the detector constitute a decoding and detecting unit which decodes the first TV broadcast signal corresponding to the second TV broadcast signal after decoding the second TV broadcast signal, and detects the decoding error part of the first TV broadcast signal during decoding of the first TV broadcast signal to output a detection result to ~~said~~the synthesizer.

23. (Cancelled)

24. (Previously Presented) The apparatus according to Claim 15, wherein the second TV broadcast signal is a broadcast signal for use in broadcasting under rainfall for the first TV broadcast signal.

25. (Previously Presented) The apparatus according to Claim 15, wherein the first TV broadcast signal and the second TV broadcast signal are each a digital TV broadcast signal, and the first TV broadcast signal has a content identical to a content of the second TV broadcast signal, and is a signal modulated by a modulation system having a viewable receiving C/N ratio higher than a viewable receiving C/N ratio of a modulation system applied to the second TV broadcast signal.

26. (Currently Amended) A broadcast receiving method, comprising:

receiving a first TV broadcast signal and a second TV broadcast signal;
timesharing and outputting the first TV broadcast signal and the second TV broadcast signal received;
decoding alternately the first TV broadcast signal and the second TV broadcast signal timeshared and outputted;
detecting a decoding error part of the first TV broadcast signal decoded with respect to each frame, and generating a decoding error information, with respect to each frame, including error information and a presentation time stamp attached to the frame; and
specifying the decoding error part of the first TV broadcast signal based on the error information in the decoding error information generated, specifying a the frame of the second TV broadcast signal of which a the time is the same as that of the decoding error part based on the presentation time stamp, and generating a composite signal obtained by replacing the specified decoding error part of the first TV broadcast signal with a corresponding part in the specified frame of the second TV broadcast signal;
storing the composite signal in a first storage device; and
storing the decoded second TV broadcast signal in a second storage device, wherein the second TV broadcast signal and the first TV broadcast signal are decoded in this order with respect to frames having a presentation time stamp identical to each other, before the decoding error part of the first TV broadcast signal is detected, the part of the second TV broadcast signal corresponding to the decoding error part of the first TV broadcast signal is stored in the second storage device, and
the first TV broadcast signal decoded is stored in the first storage device if the decoding error part of the first TV broadcast signal has not been detected, and the part of the second TV broadcast signal corresponding to the decoding error part is read out from the second storage device and stored in the first storage device if the decoding error part of the first TV broadcast signal has been detected.

27. (Currently Amended) A non-transitory computer-readable storage medium storing a broadcast receiving program in executable form that when executed causes a computer to function as:

timesharing means for timesharing and outputting a first TV broadcast signal and a second TV broadcast signal which have been received;

a decoding means for alternately decoding the first TV broadcast signal and the second TV broadcast signal timeshared and outputted by the timesharing means;

detecting means for detecting a decoding error part of the decoded first TV broadcast signal with respect to each frame, and for generating a decoding error information, with respect to each frame, including error information and a presentation time stamp attached to the frame; and

synthesizing means for specifying the decoding error part of the first TV broadcast signal based on the error information in the decoding error information generated by ~~said~~the detecting means, for specifying a~~the~~ frame of the second TV broadcast signal of which a~~a~~ the time is the same as that of the decoding error part based on the presentation time stamp, for generating a composite signal obtained by replacing the specified decoding error part of the first TV broadcast signal with a corresponding part in the specified frame of the second TV broadcast signal, and for storing the composite signal in a first storage device,

~~wherein said~~ wherein the decoding means stores the decoded second TV broadcast signal in a second storage device,

the decoding means decodes the second TV broadcast signal and the first TV broadcast signal in this order with respect to frames having a presentation time stamp identical to each other, and stores, before the detecting means detects the decoding error part of the first TV broadcast signal, the part of the second TV broadcast signal corresponding to the decoding error part of the first TV broadcast signal in the second storage device, and

~~said~~the synthesizing means stores the first TV broadcast signal decoded by ~~said~~the decoding means in the first storage device if ~~said~~the detecting means has not detected the decoding error part of the first TV broadcast signal, and reads out the part of the second TV broadcast signal corresponding to the decoding error part from the second storage device and stores the readout part in the first storage device if ~~said~~the detecting means has detected the decoding error part of the first TV broadcast signal.

28. (Currently Amended) A broadcast receiving circuit, comprising:

a receiving circuit which receives a first TV broadcast signal and a second TV broadcast signal;

a timesharing circuit which timeshares to output the first TV broadcast signal and the second TV broadcast signal received by ~~said~~the receiving circuit;

a decoding circuit which alternately decodes the first TV broadcast signal and the second TV broadcast signal timeshared to be outputted by ~~said~~the timesharing circuit;

a detecting circuit which detects a decoding error part of the first TV broadcast signal decoded by ~~said~~the decoding circuit with respect to each frame, and generates a decoding error information, ~~which~~with respect to each frame, including error information and a presentation time stamp attached to the frame;

a synthesizing circuit which specifies the decoding error part of the first TV broadcast signal based on the error information in the decoding error information generated by ~~said~~the detecting circuit, specifies ~~a~~the frame of the second TV broadcast signal of which ~~a~~the time is the same as that of the decoding error part based on the presentation time stamp, and generates a composite signal obtained by replacing the specified decoding error part of the first TV broadcast signal with a corresponding part in the specified frame of the second TV broadcast signal;

a first storage circuit which stores the composite signal generated by ~~said~~the synthesizersynthesizing circuit; and

a second storage circuit which stores the second TV broadcast signal decoded by ~~said~~the decoding circuit,

wherein the decoding circuit decodes the second TV broadcast signal and the first TV broadcast signal in this order with respect to frames having a presentation time stamp identical to each other, and stores, before the detecting circuit detects the decoding error part of the first TV broadcast signal, the part of the second TV broadcast signal corresponding to the decoding error part of the first TV broadcast signal in the second storage device, and

~~said~~the synthesizing circuit stores the first TV broadcast signal decoded by ~~said~~the decoding circuit in the first storage circuit if ~~said~~the detecting circuit has not detected the decoding error part of the first TV broadcast signal, and reads out the part of the second TV broadcast signal corresponding to the decoding error part from the second storage circuit and stores the readout part in the first storage circuit if ~~said~~the detecting circuit has detected the decoding error part of the first TV broadcast signal.

29. **(Currently Amended)** The apparatus according to Claim 15, wherein when a resolution of the first TV broadcast signal decoded by ~~said~~the decoder is different from a resolution of the second TV broadcast signal decoded by ~~said~~the decoder, ~~said~~the synthesizer implements data expansion or contraction depending on a resolution ratio of the resolution of the first TV broadcast signal and the resolution of the second TV broadcast signal.

30. **(Previously Presented)** The apparatus according to Claim 15, wherein
the first TV broadcast signal and the second TV broadcasts signal are each a digital TV broadcast signal, and
the first TV broadcast signal has a content identical to a content of the second TV broadcast signal, and provides a video of a quality higher than a quality of the second TV broadcast signal.